

PTO/SB/08A (04-03)

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many shoots as necessary)

Complete if Known

Application Number	10/001,710
Filing Date	October 31, 2001
First Named Inventor	Shlomo Ben-Haim
Art Unit	3762
Examiner Name	C.H. Layno
Attorney Docket Number	501049.20506 (20066.86)

Sheet	1	of	4
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U. S. PATENT DOCUMENTS					CLASS / SUB.
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
CML ↓		US- 4,554,922	11-26-1985	Prystowsky et al.	607/14
		US- 5,871,506	02-16-1999	Mower	607/9
		US- 5,913,876	06-22-1999	Taylor et al.	607/5
		US- 6,006,134	12-21-1999	Hill et al.	607/9
		US- 5,735,876	04-07-1998	Kroll et al.	607/2
CHL		US- 5,205,284	04-27-1993	Freeman	607/10
		US- 6,317,631	11-13-2001	Ben-Haim et al.	607/9
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FOREIGN PATENT DOCUMENTS

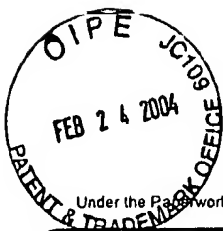
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Examiner Signature	<i>Carl H. Lamo</i>	Date Considered	4/21/04
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
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		Examiner Name	C.H. Layno		
Sheet	2	of	4	Attorney Docket Number	501049.20506 (20066.86)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CHL	✓	R. RANJAN & N.V. THAKOR (1995) Annals of Biomedical Engineering 23: pps 812-821 "Electrical Stimulation Of Cardiac Myocytes"	TECHNOLOGY CENTER R3700 MAR 02 2004 RECEIVED
CHL		N. NANNINI & K. HORCH (1991) IEEE Transactions on Biomedical Engineering 38: pps 769-776: "Muscle Recruitment With Intrafascicular Electrodes"	
CHL		D.M. BERS (1991) "Excitation Contraction Coupling And Cardiac Contractile Force"; Chapter 2, pg 17, Kluwer Academic	
CHL	✓	S.B. KNISLEY et al. (1991) Circulation Research 70: pgs 707-715 "Effect Of Field Stimulation On Cellular Repolarization In Rabbit Myocardium"	
CHL	✓	S.M. DILLION (1991) Circulation Research 69: pps 842-856; "Optical Recordings In The Rabbit Heart Show That Defibrillation Strength Shocks Prolong The Duration Of ..."	
CHL	✓	J. FLEISCHHAUER et al. (1995) Circulation 92: pps 587-594; "Electrical Resistances Of Interstitial And Microvascular Space As Determinants Of The Extracellular Electrical..."	
CHL	✓	A. TANIGUCHI et al.; Am. J. Physiol. pg 267: H694-H705; "Inhomogeneity Of Cellular Activation Time And Vmax In Normal Myocardial Tissue Under Electrical Field..."	
CHL	✓	R. LUBART et al. (1992) J. Photochemical Photobiology B 14: pps 337-341 "Effect Of Light On Calcium Transport In Bull Sperm Cells"	
CHL	✓	V.A. LOGINOV (1992) Aviakosm Ekolog Med 26: pgs 49-51; "Accumulation Of Calcium Ions In Myocardial Sarcoplasmic Reticulum Of Restrained Rats Exposed To The ..."	
CHL	✓	J.L. SCHWARTZ et al. (1990) Bioelectromagnetics 11: pps 349-358; "Exposure Of Frog Hearts To CW Or Amplitude-Modified VHF Fields: Selective Efflux Of Calcium Ions..."	

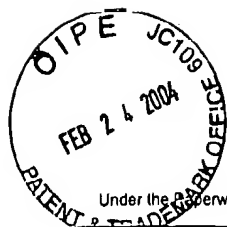
Examiner Signature	Carl H. Layno	Date Considered	4/21/04
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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
CHZ	/	E. LINDSTROM et al. (1995) Bioelectromagnetics 16: pps 41-47; "intracellular Calcium Oscillations In A T-Cell Line After Exposure To Extremely-Low-Frequency Magnetic..."		
CHZ	✓	V.A. LOGINOV et al. (1991) Kosm Biol Aviakosm Med 15; pps 51-53; "Effects Of An Impulse Electromagnetic Field On Calcium Ion Accumulation In The Sarcoplasmic..."		
CHZ	/	L.A. COULTON & A.T. BARKER (1993) Phys. Med. Biol. 38; pps 347-360; "Magnetic Fields And Intracellular Calcium; Effects On Lymphocytes Exposed To Conditons For..."		
CHZ	/	A. PUMIR et al. (1994) Proc. R. Soc. Lond. B. Biol. Sci. 257; pps 129-134; "Control of Rotating Waves In Cardiac Muscle: Analysis Of The Effect Of Electric Fields"		
CHZ	/	M. SBLOMONOW et al. (1983) Am. J. Physical Medicine 62: pps 71-82; "Control Of Muscle Contractile Force Through Indirect High-Frequency Stimulation"		
CHZ	/	J.D. BRONZINO (1995) "Biomedical Engineering Handbook", Chapter 82.5; pg 1288, "IEEE press/CRC press"		
CHZ	/	J.R. WINDLE et al. (1986) Am. J. Cardiol. 57: pps 381-386; "Subthreshold Conditioning Stimuli Prolong Human Ventricular Refractoriness"		
CHZ	✓	M. FROMER & M. SHENASA (1992) J. Am. Coll. Cardio. 20; pps 879-883; "Ultrarapid Subthreshold Stimulation For Termination Of Atrioventricular Node Reentrant Tachycardia"		
CHZ	/	B. SKALE et al. (1985) J. Am. Coll. Cardiol. 6: pps 133-140; "Inhibition Of Premature Ventricular Extrastimuli By Subthreshold Conditioning Stimuli"		
CHZ	/	M. YOKOYAMA (1976) Japanese HEart Journal 17; pps 315-325; "The Phase Of Supernormal Excitation In Relation To The Strength Of Subthreshold Stimuli"		

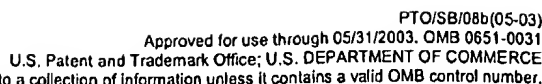
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Sheet	4	of	4
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Examiner
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Carl H. Fayro

Date
Considered

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